

Data File : BM020680.D
Acq On : 03 Jun 2019 20:42
Operator : HP/JU
Sample : PB120232BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120232BL

Quant Time: Jun 04 04:19:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

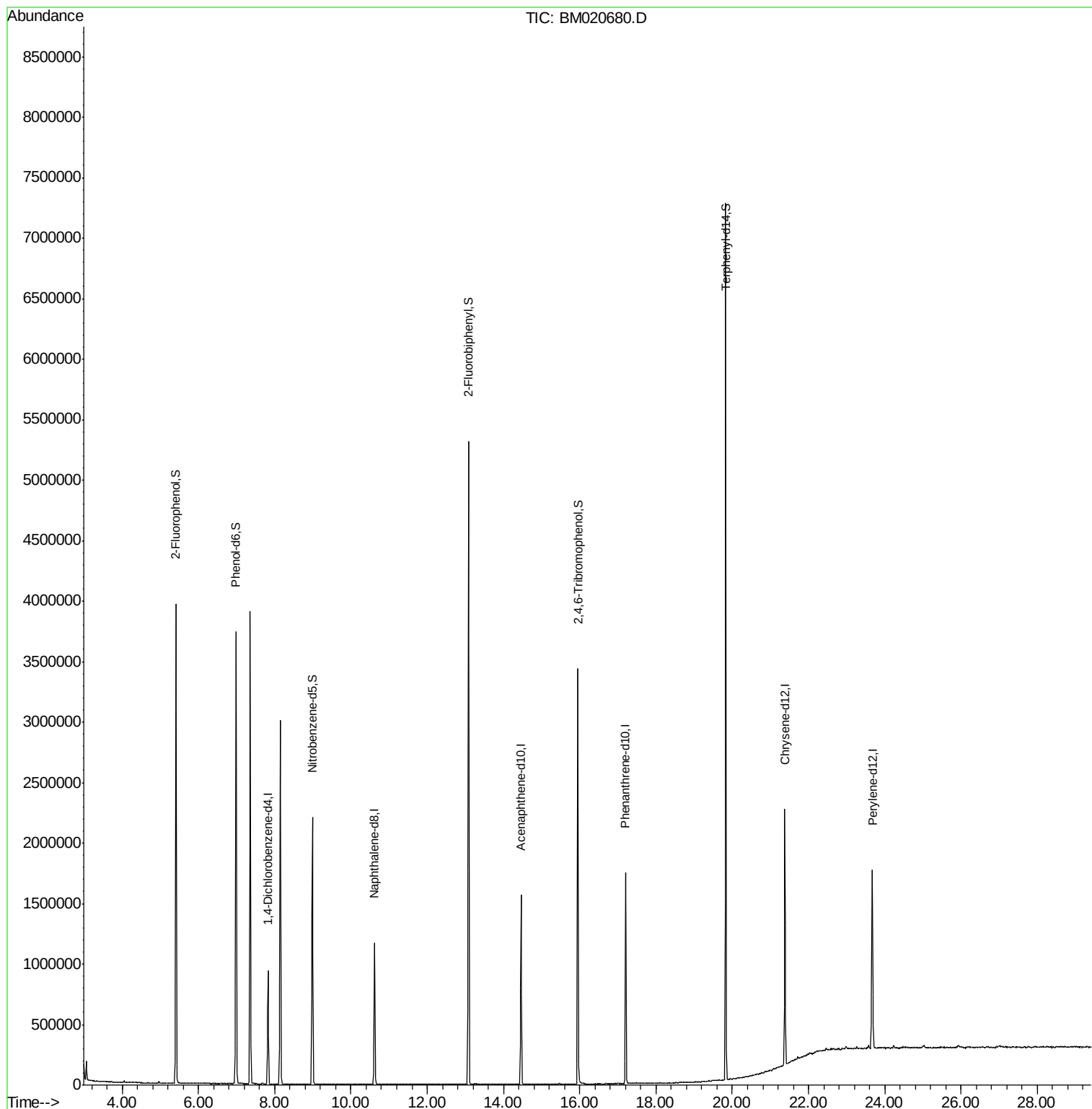
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	246509	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	944039	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	489249	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	994457	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	902589	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1065950	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1533329	109.42	ng	0.00
7) Phenol-d6	6.99	99	2059113	99.79	ng	0.00
23) Nitrobenzene-d5	8.99	82	1250779	68.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	602601	99.41	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	2718658	73.87	ng	0.00
79) Terphenyl-d14	19.83	244	3392438	62.87	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.99	77	3945	Below Cal	Qvalue #	6

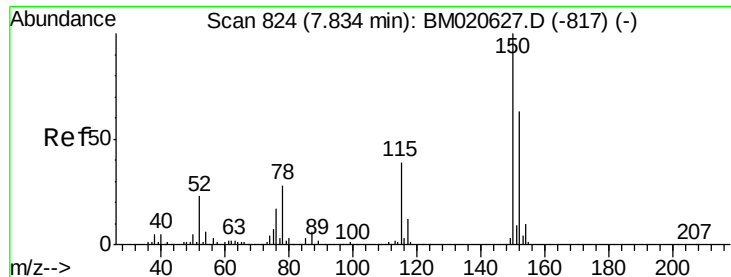
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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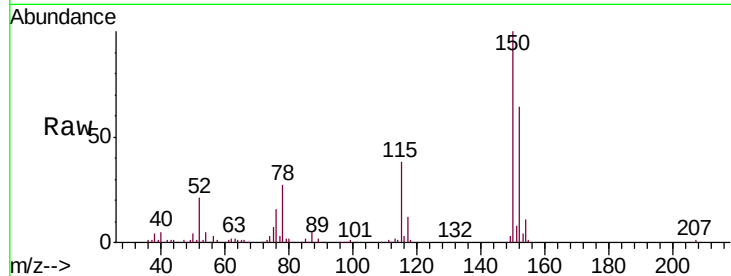


#1

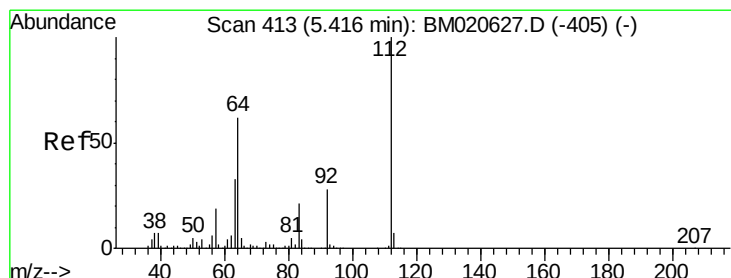
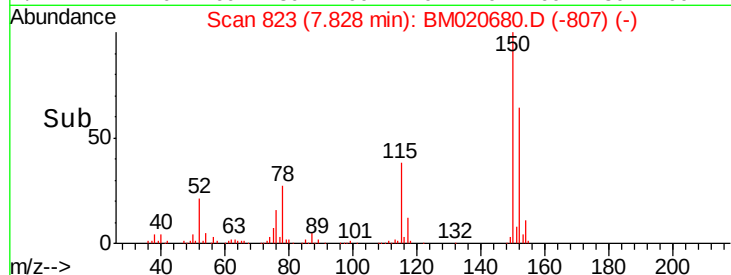
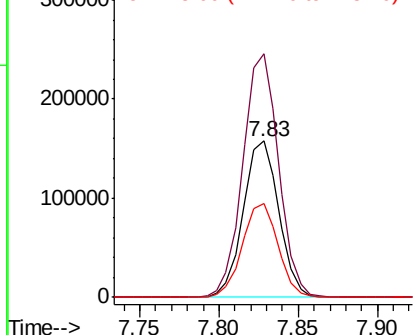
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020680.D
Acq: 03 Jun 2019 20:42

Instrument :
BNA_M
ClientSampleId :
PB120232BL

Tgt Ion:152 Resp: 246509
Ion Ratio Lower Upper
152 100
150 155.6 126.0 189.0
115 59.7 49.6 74.4



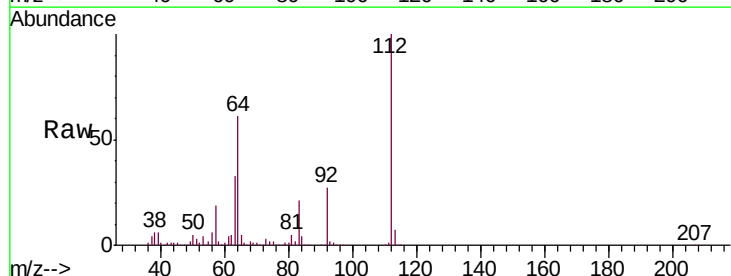
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



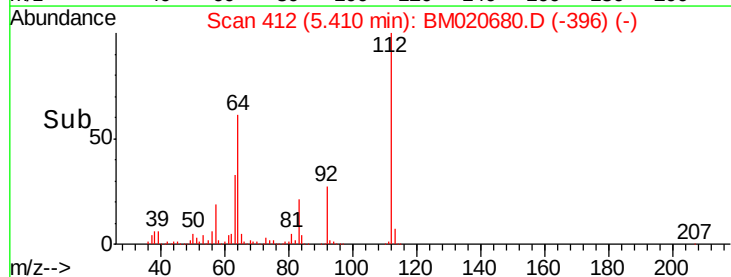
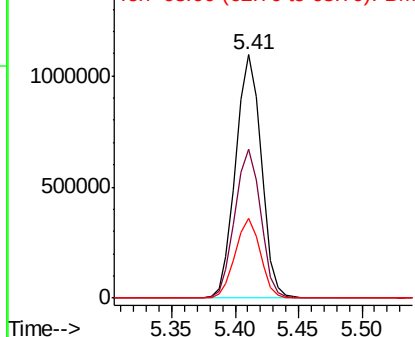
#5

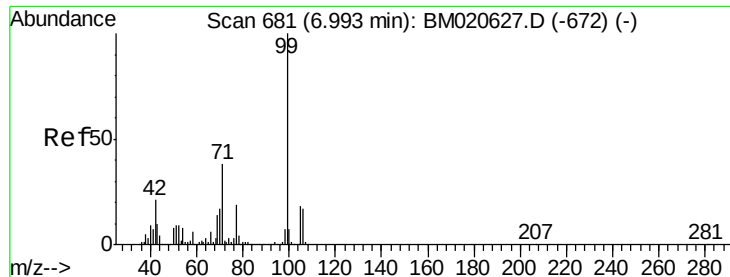
2-Fluorophenol
Concen: 109.417 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020680.D
Acq: 03 Jun 2019 20:42

Tgt Ion:112 Resp: 1533329
Ion Ratio Lower Upper
112 100
64 61.2 49.7 74.5
63 32.7 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 99.790 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020680.D

Acq: 03 Jun 2019 20:42

Instrument :

BNA_M

ClientSampleId :

PB120232BL

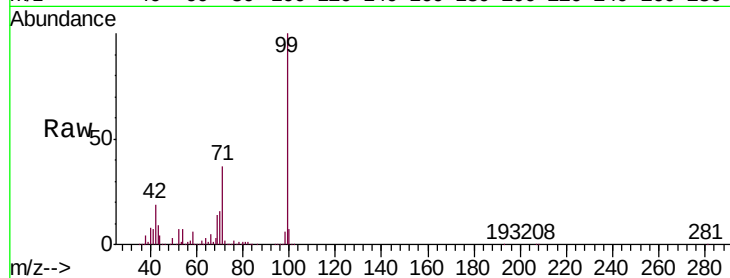
Tgt Ion: 99 Resp: 2059113

Ion Ratio Lower Upper

99 100

42 19.1 16.5 24.7

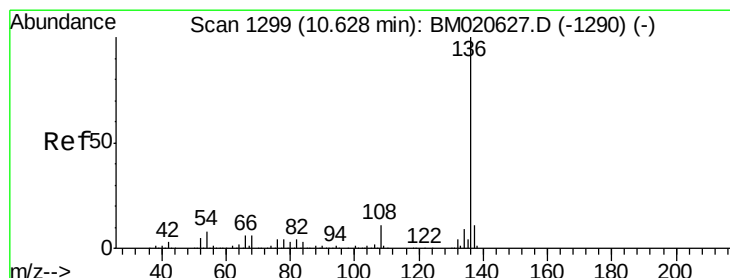
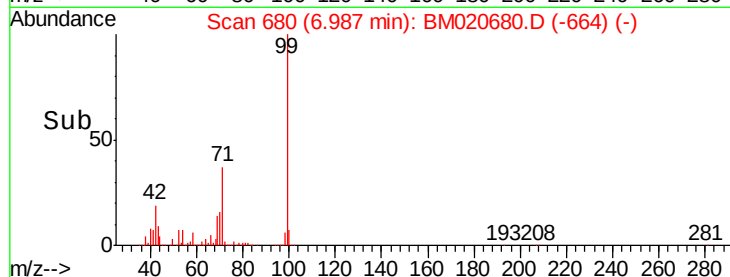
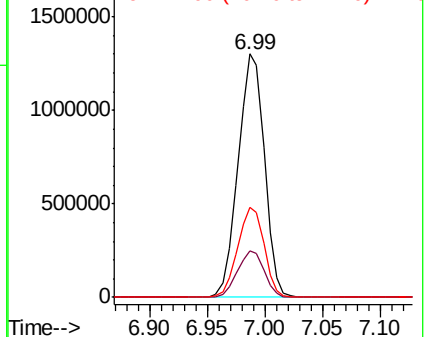
71 37.0 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020680.D

Acq: 03 Jun 2019 20:42

Tgt Ion: 136 Resp: 944039

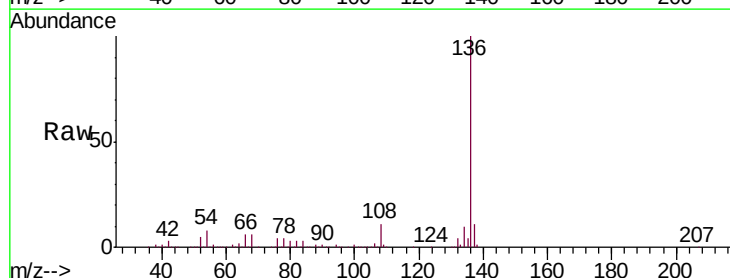
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.1 6.6 10.0

68 6.3 5.1 7.7

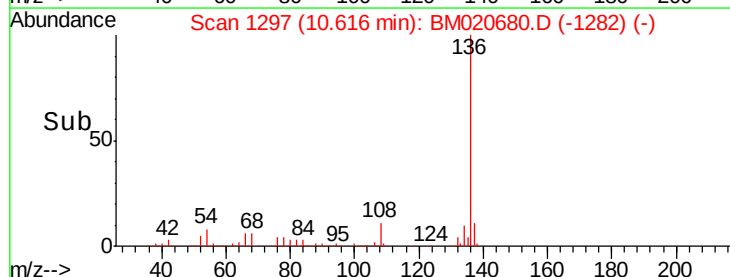
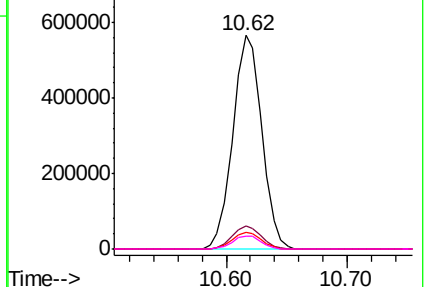


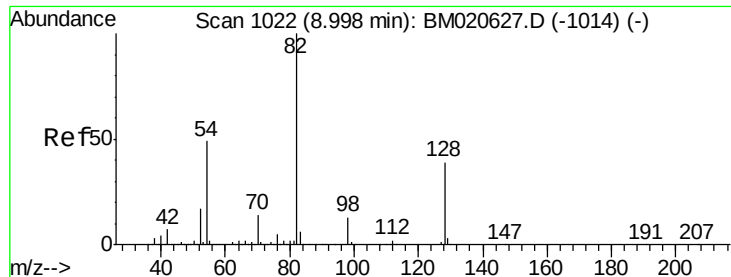
Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

Ion 137.00 (136.70 to 137.70): BM020627.D (-1290) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1290) (-)

Ion 68.00 (67.70 to 68.70): BM020627.D (-1290) (-)

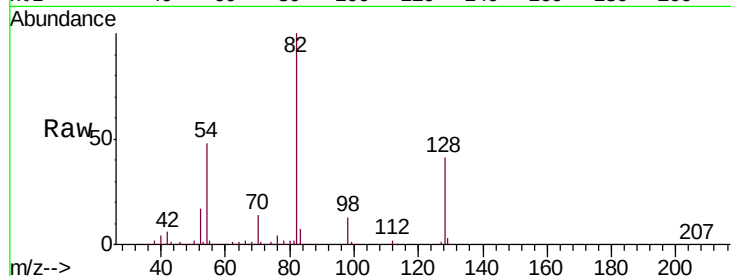




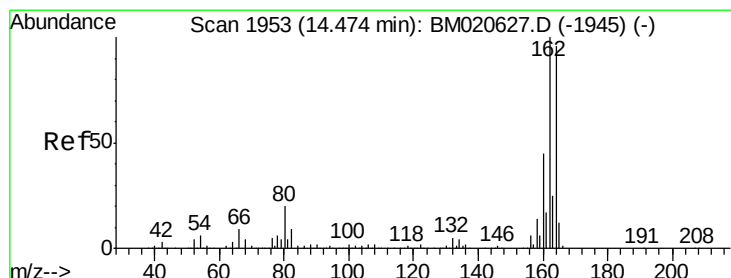
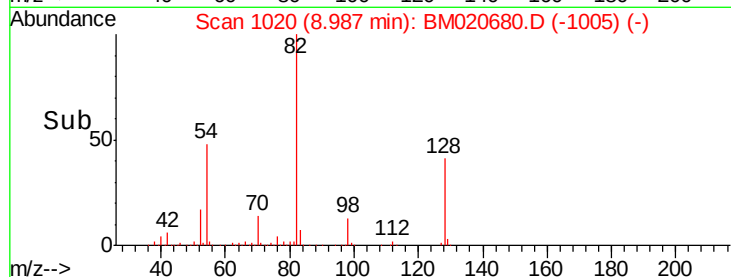
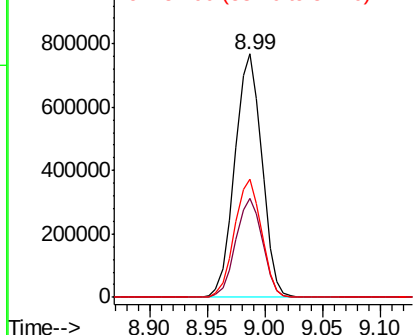
#23
Nitrobenzene-d5
Concen: 68.647 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020680.D
Acq: 03 Jun 2019 20:42

Instrument :
BNA_M
ClientSampleId :
PB120232BL

Tgt Ion: 82 Resp: 1250779
Ion Ratio Lower Upper
82 100
128 40.9 31.5 47.3
54 48.3 39.4 59.0

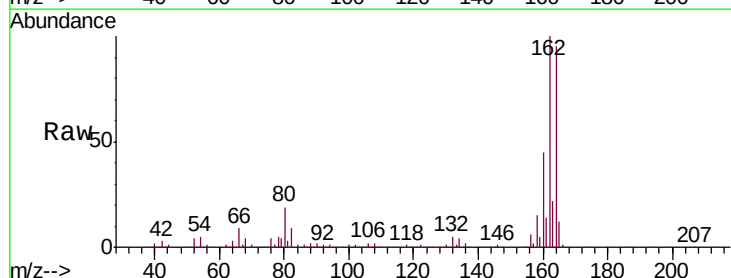


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

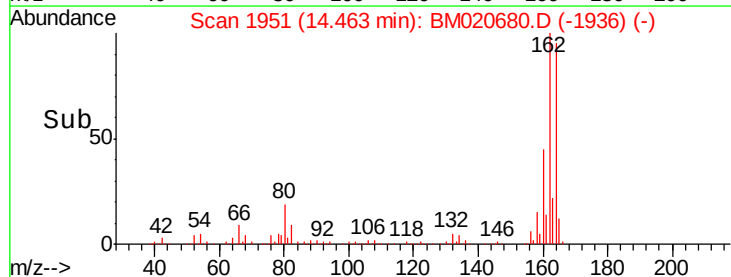
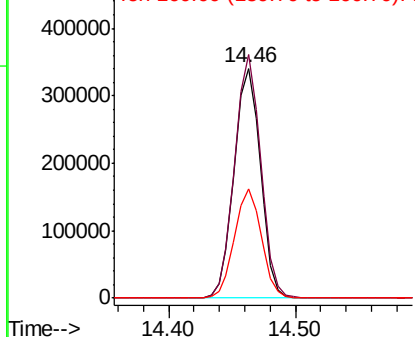


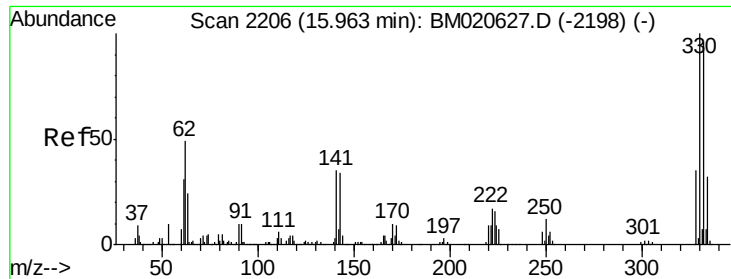
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020680.D
Acq: 03 Jun 2019 20:42

Tgt Ion: 164 Resp: 489249
Ion Ratio Lower Upper
164 100
162 105.8 83.2 124.8
160 47.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

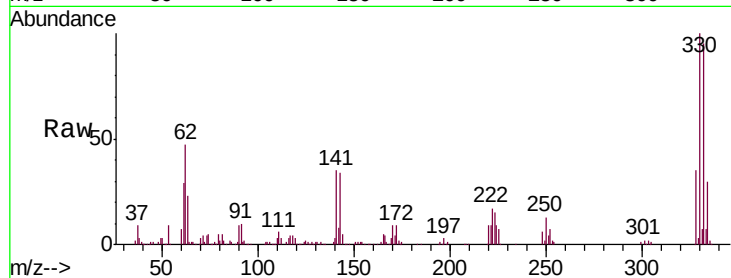




#42
 2,4,6-Tribromophenol
 Concen: 99.410 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020680.D
 Acq: 03 Jun 2019 20:42

Instrument :
 BNA_M
 ClientSampleId :
 PB120232BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	36.5	30.4	45.6

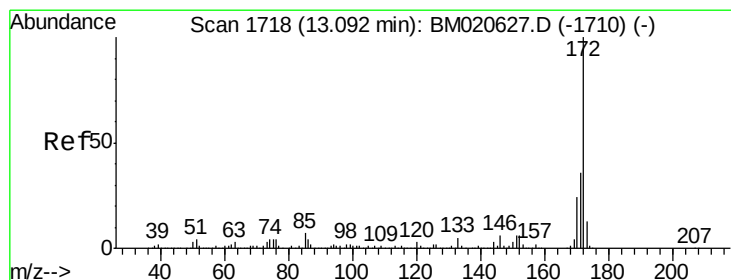
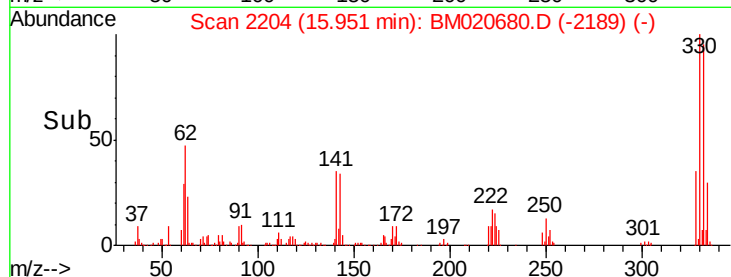
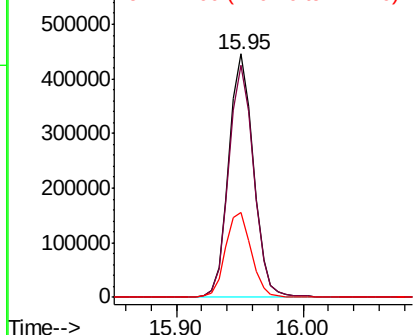


Abundance

Ion 329.80 (329.50 to 330.50): E

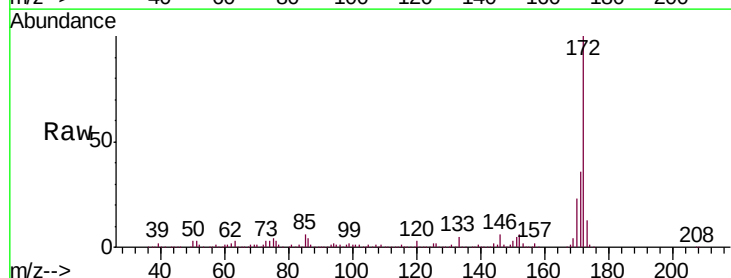
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.875 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020680.D
 Acq: 03 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.3	18.9	28.3

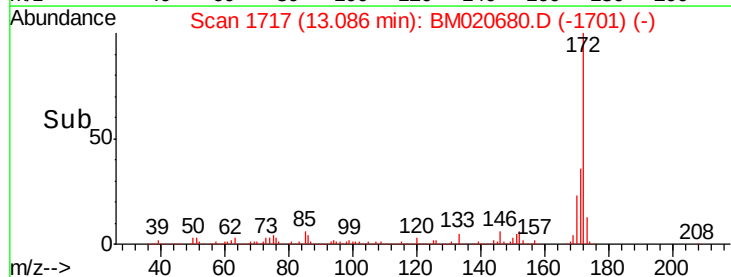
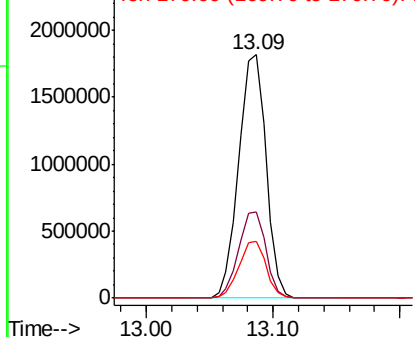


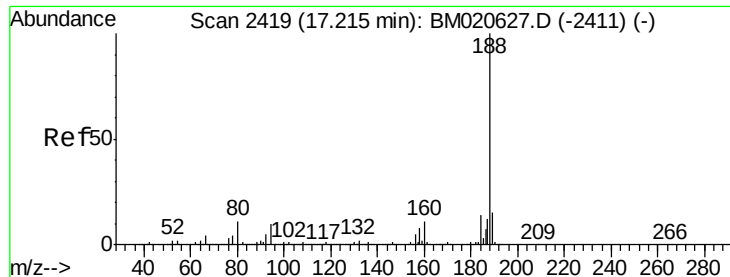
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

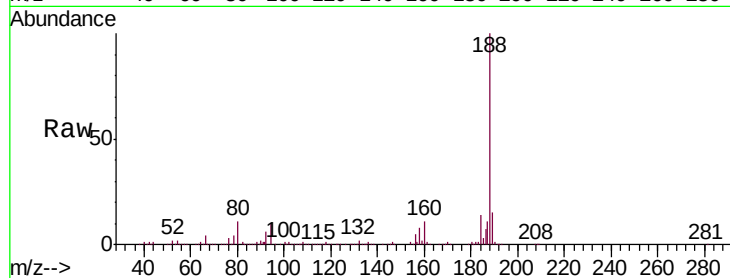




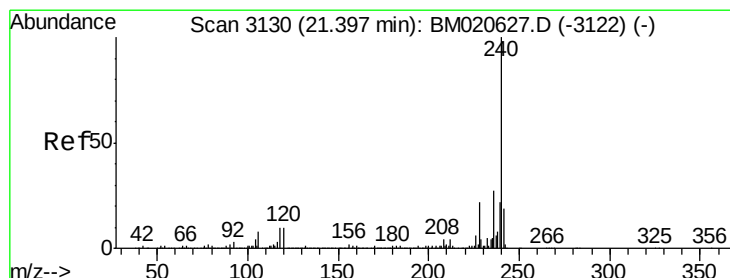
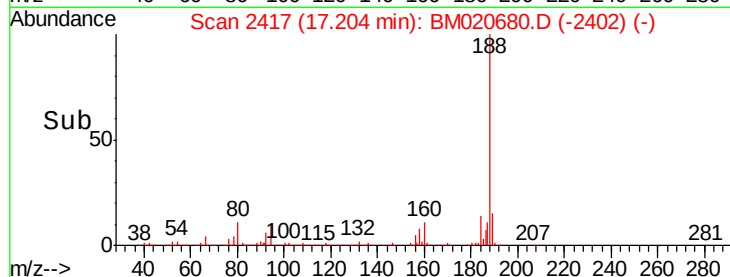
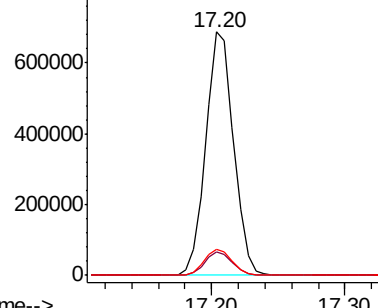
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020680.D
Acq: 03 Jun 2019 20:42

Instrument :
BNA_M
ClientSampleId :
PB120232BL

Tgt Ion:188 Resp: 994457
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.8
80 10.9 9.0 13.6

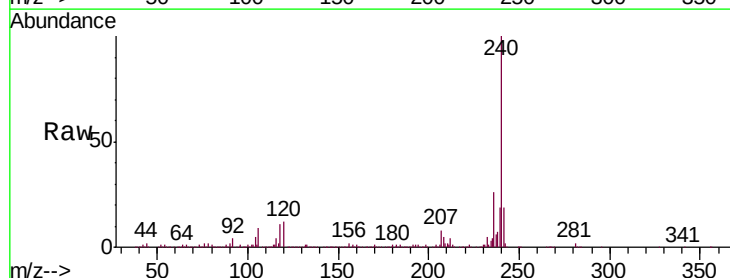


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

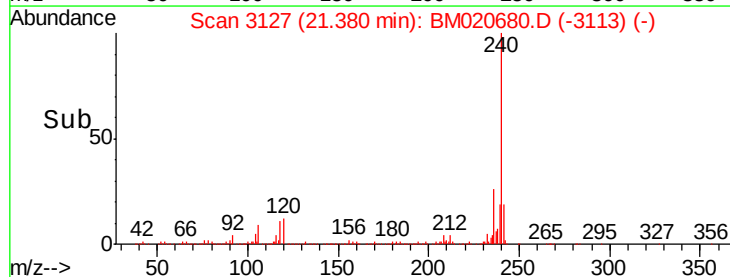
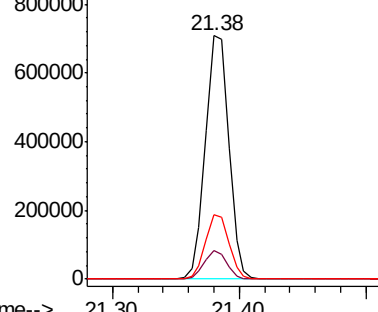


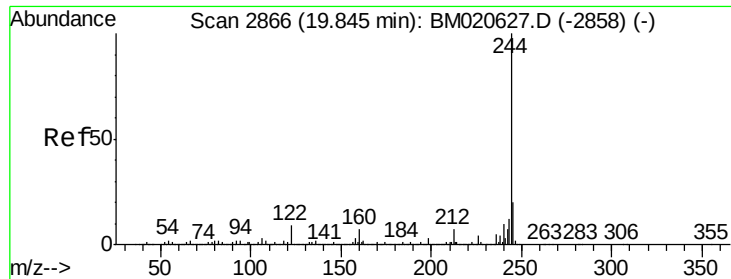
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020680.D
Acq: 03 Jun 2019 20:42

Tgt Ion:240 Resp: 902589
Ion Ratio Lower Upper
240 100
120 11.7 8.2 12.2
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.868 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020680.D

Acq: 03 Jun 2019 20:42

Instrument :

BNA_M

ClientSampleId :

PB120232BL

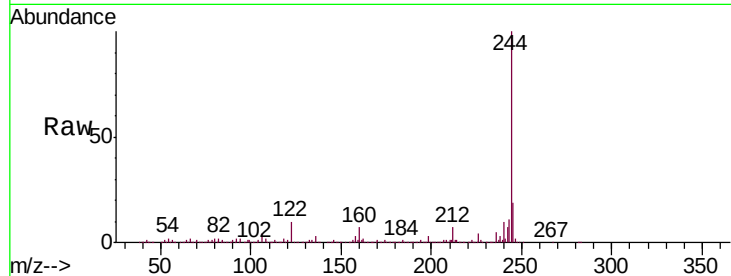
Tgt Ion:244 Resp: 3392438

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

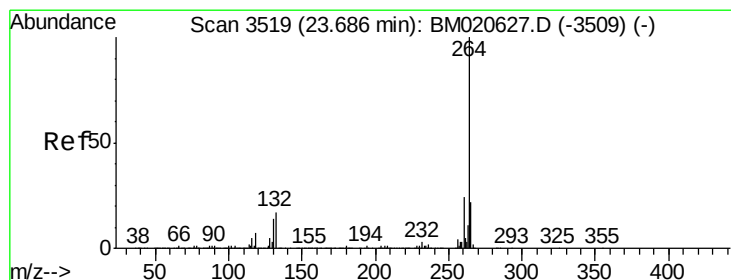
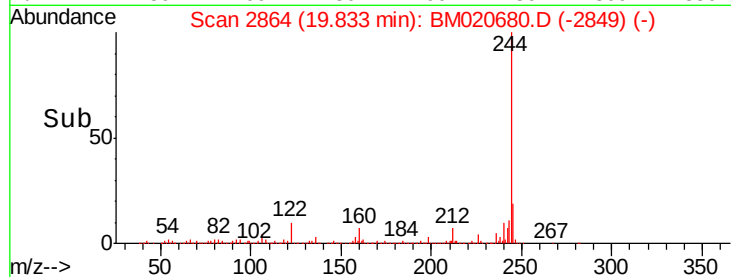
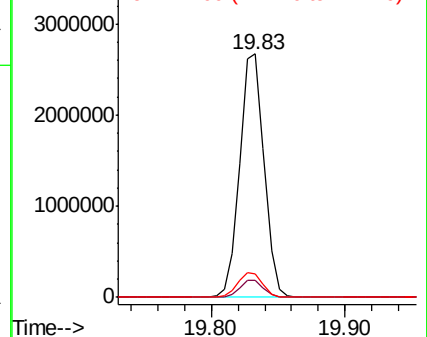
122 9.7 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020680.D

Acq: 03 Jun 2019 20:42

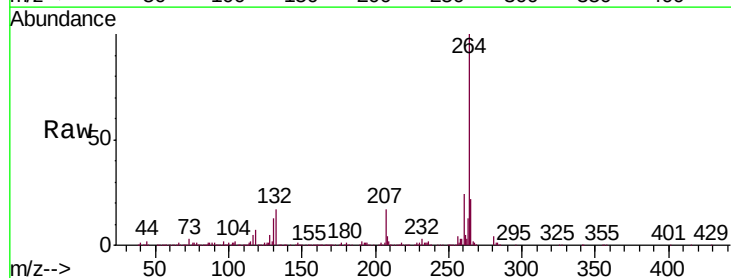
Tgt Ion:264 Resp: 1065950

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

